L Numbe			DB	Timo st-
1	4	0 (("310/316,317,318").CCLS.) and	USPAT;	Time stamp 2003/03/22 15:5
		@pd>20020611	US-PGPUB;	2003/03/22 15:5
			EPO; JPO;	
			DERWENT;	
3	50	2 (diode\$3 near bridge\$3) and @pd>20020611	IBM_TDB	
		- (drodets hear bridgess) and epd>20020611	USPAT;	2003/03/22 16:0
			US-PGPUB;	
			EPO; JPO;	
4			DERWENT;	
4	2.	1 · · · · · · · · · · · · · · · · · · ·	IBM_TDB USPAT;	2000 100 100
		@pd>20020611	US-PGPUB;	2003/03/22 16:0
			EPO; JPO;	
			DERWENT;	1
6	91	(nierosa and (m. la)	IBM TDB	
		(piezo\$3 and (posi\$4 near sens\$3)) and (pd>20020611	USPAT;	2003/03/22 16:0
		- cpa>20020011	EPO; JPO;	10.0
	1		DERWENT;	
7	415	((("310/316,317,318").CCLS.) and	IBM_TDB	
		$\frac{16pa}{20020611}$ or ((diodess non bridgess)	USPAT;	2003/03/22 16:1
		and epa/20020611) or	EPO; JPO;	
		((("318/114.118.119") CCLS ) and	DERWENT;	
		@pd>20020611) or ((piezo\$3 and /posica	IBM_TDB	
}	1.0	1 mear sems(3) ) and and (200)		
,	12	("518/414"   "5214356"   "5200000"	USPAT	2003/03/22 16:16
	1	[ "5434481"   "5488269"   "5621279"		2003/03/22 16:10
		3030919"   "5874809"   "5923120"		
ı	6	"6034489"   "6072284"   "6111359").PN.		
	1		USPAT	2003/03/22 16:19
0	10	"5684688"   "5811949"   "5917721").PN. ("5436819"   "5450306"   "5625550"		i
	1	"5625750"   "5625550"   "5627742"   "5671130"   "5699240"	USPAT	2003/03/22 16:20
	1	"5717584"   "5729449"   "5805438"	1	
	1	"5811949").PN.		
	708	(("310/316,317,318").CCLS.) and (piezo\$)	Hanam	
		, , , , , , , , , , , , , , , , , , ,	USPAT; US-PGPUB;	2003/03/22 15:57
			EPO; JPO;	
			DERWENT;	
	399	///#210/216 015 5	IBM TDB	
	399	((("310/316,317,318").CCLS.) and (piezo\$))	USPAT;	2001/10/18 18:10
		and (switch\$)	US-PGPUB;	18:10
			EPO; JPO;	
			DERWENT;	
	40	((((("310/316,317,318").CCLS.) and	IBM_TDB	
1	-	(piezo\$)) and (switch\$)) and (diode)) and (hridge)	USPAT;	2001/10/18 18:11
		(bridge) and (switchs)) and (diode)) and	US-PGPUB;	1
	İ		EPO; JPO;	
			DERWENT;	
	191	(((("310/316,317,318").CCLS.) and	IBM_TDB USPAT;	2001/12/1-
		(piezo\$)) and (switch\$)) and (diode)		2001/10/18 18:23
		(42040)	US-PGPUB; EPO; JPO;	
	1		DERWENT;	
	1294	/210/216 217 010 211	IBM TDB	
	1294	(310/316,317,318,319).CCLS.	USPAT;	2003/03/22 15:51
			US-PGPUB;	2003/03/22 15:51
	İ		EPO; JPO;	
	1		DERWENT;	
1	13	(("310/316 317 210 210")	IBM TDB	
	-	(("310/316,317,318,319").CCLS.) and (MOS near transistor)	USPĀT;	2001/10/19 10:56
		02011010001	US-PGPUB;	2, 22 20.00
	,		EPO; JPO;	
			DERWENT;	
	226	((("310/316,317,318,319") ccts )	IBM TDB	
	- 1	((("310/316,317,318,319").CCLS.) and (diode\$)) and (seri\$)	IBM_TDB USPAT;	2001/10/19 11:42
	- 1	((("310/316,317,318,319").CCLS.) and (diode\$)) and (seri\$)	IBM_TDB USPAT; US-PGPUB;	2001/10/19 11:42
	- 1	((("310/316,317,318,319").CCLS.) and (diode\$)) and (seri\$)	IBM_TDB USPAT;	2001/10/19 11:42

Page 1

_	1112	0 diode\$ near bridge\$		
	1112	aroue, hear priages	USPAT;	2003/03/22 15:57
			US-PGPUB; EPO; JPO;	
İ			DERWENT;	
_			IBM TDB	1
-	5743	diode\$ near bridge\$) and transistor\$	USPAT;	2002/09/13 16:01
1			US-PGPUB;	, 05, 10 10:01
1			EPO; JPO;	
ŀ			DERWENT;	
-	5623		IBM_TDB	
		and bridge	USPAT; US-PGPUB;	2001/10/19 11:44
			EPO; JPO;	
			DERWENT;	
-	3953	1//diadag	IBM TDB	
	3933	(((diode\$ near bridge\$) and transistor\$) and bridge) and series	USPAT;	2001/10/19 11:44
		and bridge) and series	US-PGPUB;	
			EPO; JPO;	
[			DERWENT;	
_	357		IBM_TDB USPAT;	2001/10/10 11
1		and bridge) and series) and MOS	US-PGPUB;	2001/10/19 11:45
1			EPO; JPO;	
			DERWENT;	
-	647	(318/114,118,119).CCLS.	IBM TDB	
	047	(0±0/±±±,±±0,±±9).UCLS.	USPAT;	2002/06/11 13:35
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT; IBM TDB	
-	32	(("318/114,118,119").CCLS.) and (bridge\$)	USPAT;	2003/03/22 16:03
			US-PGPUB;	2003/03/22 16:03
1			EPO; JPO;	
			DERWENT;	
-	12	(("6242845") or ("6140729") or ("6011345")	IBM_TDB	
		or ("5914576") or ("5361014")).PN.	USPAT;	2001/10/19 15:44
			US-PGPUB; EPO; JPO;	
			DERWENT;	1
_	210		IBM TDB	
	319	(("310/316,317,318,319").CCLS.) and (diode\$)	USPAT;	2001/10/19 17:51
		(diodes)	US-PGPUB;	1 1 2 1 2 1 1 3 1
			EPO; JPO;	
			DERWENT;	
-	1057	(310/316,317,318).CCLS.	IBM_TDB USPAT;	0001 (10 (12
		· , -==	US-PGPUB;	2001/10/19 16:27
			EPO; JPO;	
			DERWENT;	
_	3	/"/073076"\ DM	IBM TDB	
	]	("4973876").PN.	USPAT;	2001/10/19 16:27
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	12	("4256987"   "4275363"   "4277710"	IBM_TDB USPAT;	2001/10/10 15 5
	1	"4587958").PN.	US-PGPUB;	2001/10/19 16:29
	1		EPO; JPO;	
	1		DERWENT;	1
	21	4973876.URPN.	IBM TDB	
		19,90,0.0KFN.	USPAT;	2001/10/19 16:30
			US-PGPUB;	
			EPO; JPO;	ļ
	1		DERWENT;	
-	253	(("310/316,317,318,319").CCLS.) and	IBM_TDB USPAT;	2001/10/19 17:52
		(sensor\$)	US-PGPUB;	2001/10/19 1/:52
	1		EPO; JPO;	
	1		DERWENT;	
	·		IBM TDB	

-	158		USPAT;	2001/10/19 17:55
		(sensor\$)) and (position)	US-PGPUB;	2001/10/19 17:55
			EPO; JPO;	
			DERWENT;	
			1	
-	1684	piezo\$ and (posi\$ near sens\$)	IBM_TDB	
		The transfer of the transfer o	USPAT;	2003/03/22 16:03
			EPO; JPO;	
			DERWENT;	
_	1483	(min=0 == 1 / 14	IBM TDB	
	1402	The state of the s	USPAT;	2001/10/19 18:06
		(control\$)	EPO; JPO;	, = , = 3 ±0.00
			DERWENT;	
	_		IBM TDB	
_	672		USPAT;	2001/10/10 10 10
		(control\$)) and feedback		2001/10/19 18:12
			EPO; JPO;	
			DERWENT;	!
-	270	(((niezos and (nosis	IBM_TDB	
	2,0	(((piezo\$ and (posi\$ near sens\$)) and	USPAT;	2001/10/19 18:12
	İ	(control\$)) and feedback) and diode	EPO; JPO;	1 20.22
			DERWENT;	
1			IBM TDB	
-	336	(diode\$2 near bridg\$3) and @pd>20011018	USPAT;	2002/06/11 12
İ		_ ,		2002/06/11 13:43
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
_	204	//piogoolagtwaa	IBM TDB	1
	204	((piezoelectr\$4 or piezotrans\$5) and	USPAT;	2002/06/11 13:45
1		(posit\$4 near sens\$5)) and @pd>20011018	EPO; JPO;	,,
	1		DERWENT:	
	_		IBM TDB	
_	8	318/114,118,119.ccls. and @pd>20011018	USPAT;	2002/06/11 10 1-
		0,000,000,000		2002/06/11 13:45
			EPO; JPO;	
			DERWENT;	
-	4	(310/319.CCLS.) and @pd>20011018	IBM_TDB	1
	_	(910) 913:00HB:/ and @pd>20011018	USPAT;	2002/06/11 13:47
			US-PGPUB;	
1	1		EPO; JPO;	
			DERWENT;	
_		1040 /04 0	IBM TDB	1
•	67	(310/316.01-318.CCLS.) and @pd>20011018	USPAT;	2002/06/11 12 12
			US-PGPUB;	2002/06/11 13:49
			PDO. TOO	1
	] [		EPO; JPO;	
			DERWENT;	
_	0	20020053858.URPN.	IBM_TDB	
_	6	("4109174"   "E204E76"   "E222====	USPAT	2002/06/11 14:06
		("4109174"   "5204576"   "5208505"	USPAT	2002/06/11 14:12
_	14	"5543679"   "5691592"   "6081061").PN.		
	14	(("310/316,317,318").CCLS.) and	USPAT;	2002/09/13 16:03
		@pd>20020611	US-PGPUB;	1 -005/03/13 10:03
	1		EPO; JPO;	
	]		DERWENT;	
	0	"2001/0022486".PN.	IBM_TDB	
-	ا ا	6433461.URPN.	USPAT	2002/09/13 16:04
-	175	(diodess noon bridgess)	USPAT	2002/09/13 16:04
	1 1,2	(diode\$3 near bridge\$3) and @pd>20020611	USPAT;	2002/09/13 16:05
			US-PGPUB;	
			EPO; JPO;	
İ			DERWENT;	
			IBM TDB	1
			TOD I TOD	